

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 4, 2005, 12:11:49 ; Search time 39 Seconds
(without alignments)
452.323 Million cell updates/sec

Title: US-10-006-867-2
Perfect score: 1392
Sequence: 1 MWFFQGLSFLPSALVIWTS.....YDTAPCPINNERTRLLSRDI 266

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents_AA.*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PCFUS_COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1388	99.7	267	4 US-09-663-600A-190	Sequence 190, Appl
2	595.5	42.8	172	4 US-09-663-600A-96	Sequence 96, Appl
3	479.5	34.4	238	3 US-09-724-864-38	Sequence 36, Appl
4	358	25.7	69	4 US-09-663-600A-130	Sequence 130, Appl
5	358	25.7	69	4 US-09-663-600A-224	Sequence 224, Appl
6	118	8.5	21	3 US-08-905-223-20	Sequence 20, Appl
7	118	8.5	21	3 US-09-247-155-20	Sequence 20, Appl
8	118	8.5	21	4 US-09-663-600A-20	Sequence 20, Appl
9	118	8.5	21	4 US-09-621-976-2	Sequence 2, Appli
10	118	8.5	21	4 US-09-513-999C-2	Sequence 2, Appli
11	91.5	6.6	291	4 US-09-107-532A-4147	Sequence 4147, Ap
12	91.5	6.6	387	4 US-09-721-870-14	Sequence 14, Appl
13	90	6.5	283	4 US-09-602-787A-588	Sequence 588, App
14	90	6.5	396	4 US-09-248-796A-20434	Sequence 20434, A
15	88	6.3	344	4 US-09-248-796A-16383	Sequence 16383, A
16	88	6.3	1165	1 US-08-240-357-2	Sequence 2, Appli
17	86.5	6.2	356	4 US-09-134-000C-4914	Sequence 4914, Ap
18	85.5	6.1	579	4 US-09-786-681A-4	Sequence 4, Appli
19	85.5	6.1	582	4 US-09-786-681A-2	Sequence 2, Appli
20	85	6.1	419	4 US-09-948-774-2	Sequence 2, Appli
21	85	6.1	1180	3 US-08-726-214-12	Sequence 12, Appl
22	84.5	6.1	296	4 US-09-134-000C-6205	Sequence 6205, Ap
23	84	6.0	241	4 US-09-328-352-8001	Sequence 8001, Ap
24	84	6.0	506	4 US-09-540-236-2605	Sequence 2605, Ap
25	84	6.0	537	4 US-09-489-039A-14149	Sequence 14149, A
26	84	6.0	602	4 US-09-252-991A-22527	Sequence 22527, A
27	84	6.0	720	4 US-09-252-991A-19581	Sequence 19581, A

28	84	6.0	1138	4 US-09-489-039A-13574	Sequence 13574, A
29	83.5	6.0	618	1 US-08-332-312-2	Sequence 2, Appli
30	83	6.0	318	4 US-09-583-110-2976	Sequence 2976, Ap
31	83	6.0	417	4 US-09-489-039A-8730	Sequence 8730, Ap
32	83	6.0	542	4 US-09-252-991A-19270	Sequence 19270, A
33	83	6.0	632	4 US-09-328-352-4785	Sequence 4785, Ap
34	82.5	5.9	492	4 US-09-252-991A-18139	Sequence 18139, A
35	82	5.9	299	4 US-09-393-634-5	Sequence 5, Appli
36	82	5.9	474	4 US-09-252-991A-30354	Sequence 30354, A
37	82	5.9	574	4 US-09-248-796A-20154	Sequence 20154, A
38	82	5.9	664	4 US-09-248-796A-17191	Sequence 17191, A
39	82	5.9	1168	4 US-09-474-076-2	Sequence 2, Appli
40	82	5.9	1168	4 US-09-472-667-11	Sequence 11, Appl
41	81.5	5.9	199	4 US-09-583-110-3127	Sequence 3127, Ap
42	81.5	5.9	280	4 US-09-543-681A-6175	Sequence 6175, Ap
43	81.5	5.9	503	4 US-09-252-991A-32663	Sequence 32663, A
44	81	5.8	323	4 US-09-328-352-6181	Sequence 6181, Ap
45	81	5.8	425	4 US-09-489-039A-8209	Sequence 8209, Ap

ALIGNMENTS

RESULT 1
US-09-663-600A-190
; Sequence 190, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 190
; LENGTH: 267
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -21...-1
US-09-663-600A-190

Query Match 99.7%; Score 1388; DB 4; Length 267;
Best Local Similarity 99.6%; Pred. No. 1.1e-146;
Matches 265; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy	1	MWFFQGLSFLPSALVIWTSAAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML	60
Db	1	MWFFQGLSFLPSALVIWTSAAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML	60
Qy	61	NIAAVLCIATYVRYKQVHALSPEENVIIKLNKAGLVGLILSCILGLSIVANFQKTTLFAA	120
Db	61	NIAAVLCIATYVRYKQVHALSPEENVIIKLNKAGLVGLILSCILGLSIVANFQKTTLFAA	120
Qy	121	HVSGAVLTFGMGSLYMFVQTILSYQMOPKIHGKQVFWIRLLLLVIWCGVSALSMLTCSVL	180

Db 121 HVSGAVLTFGMSLYMFVQTIISYQMPKIHGKQVFWIRLLLVWCGVSALSMLTCSVL 180
QY 181 HSGNFGTDLEQKLHWNPEDKGYVLHMITTAAEWSMSFSFFGFFLTYYIRDFQKISLRVEAN 240
Db 181 HSGNFGTDLEQKLHWNPEDKGYALHMITTAAEWSMSFSFFGFFLTYYIRDFQKISLRVEAN 240
QY 241 LHGLTLYDTAPCPINNERTRLLSRDI 266
Db 241 LHGLTLYDTAPCPINNERTRLLSRDI 266

RESULT 2
US-09-663-600A-96
; Sequence 96, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 96
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -21...-1
US-09-663-600A-96

Query Match 42.8%; Score 595.5; DB 4; Length 172;
Best Local Similarity 79.4%; Pred. No. 1.9e-58;
Matches 123; Conservative 7; Mismatches 22; Indels 3; Gaps 2;
QY 1 MWVFOQGLSFLPSALVIWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
Db 1 MWVFOQGLSFLPSALVIWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
QY 61 NIAAVLCIATIIYRYKQVHALSPEENVIIKLNKAGLVGLSCLGSLIVANFQKTIIFAA 120
Db 61 NIAAVLCIATIIYRYKQVHALSPEENVIIKLNKAGLVGLSCLGSLIVANFQKTIIFAA 120
QY 121 HV--SGAVLTFGMSLYMFVQTIISYQMPKIHGK 153
Db 121 TCKWSCAYLWYGL-IIYVCSDPFLPKCSPKSNKG 154

RESULT 3
US-09-724-864-38
; Sequence 38, Application US/09724864
; Patent No. 6380362
; GENERAL INFORMATION:
; APPLICANT: Watson, James D
; APPLICANT: Murison, James G.

; TITLE OF INVENTION: Polynucleotides, polypeptides expressed
; TITLE OF INVENTION: by the polynucleotides and methods for their use.
; FILE REFERENCE: 11000.1050U1
; CURRENT APPLICATION NUMBER: US/09/724,864
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 238
; TYPE: PRT
; ORGANISM: Mouse
US-09-724-864-38
Query Match 34.4%; Score 479.5; DB 3; Length 238;
Best Local Similarity 37.3%; Pred. No. 2.8e-45;
Matches 93; Conservative 56; Mismatches 79; Indels 21; Gaps 3;
QY 1 MWVFOQGLSFLPSALVIWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
Db 1 MLCFLRGMAFVFPFLVWSSAAFIISYVAVLSGHVNPFLPYISDTGTTPESGIFGFWI 60
QY 61 NIAAVLCIATIIYRYKQV-----HALSPEENVIIKLNKAGLVGLSCLGSLIVANFQ 113
Db 61 NFSAFGLGAATMYTRYKIVEKQNETCSTFPVFNLV-----SLALGLVGCIGMGLIVANFQ 114
QY 114 KTTLFAAHVSGAVLTFGMSLYMFVQTIISYQMPKIHGKQVFWIRLLLVWCGVSALS 173
Db 115 ELAVPVVHDGGALLAFVCGVVYTLQSIISYKSCPQWNSLTTCCHVRMAISAVSCAAVVP 174
QY 174 LTCSSVLHSGNFGTDLEQKLHWNPEDKGYVLHMITTAAEWSMSFSFFGFFLTYYIRDFQKI 233
Db 175 IACASLISI-----TKLEWNPKEKDIYHVVSALCEWTVAFGFIYFELTFIQDFQSV 226
QY 234 SLRVEANLH 242
Db 227 TLRISTEIN 235

RESULT 4
US-09-663-600A-130
; Sequence 130, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 130
; LENGTH: 69
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:

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; NAME/KEY: SIGNAL
; LOCATION: -21...-1
US-09-663-600A-130

Query Match      25.7%; Score 358; DB 4; Length 69;
Best Local Similarity 100.0%; Pred. No. 1.8e-32;
Matches 67; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MWFFQGLSFLPSALVWTSAAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
Db 1 MWFFQGLSFLPSALVWTSAAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60

Qy 61 NIAAVLC 67
Db 61 NIAAVLC 67

RESULT 5
US-09-663-600A-224
; Sequence 224, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 224
; LENGTH: 69
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -21...-1
US-09-663-600A-224

Query Match      25.7%; Score 358; DB 4; Length 69;
Best Local Similarity 100.0%; Pred. No. 1.8e-32;
Matches 67; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MWFFQGLSFLPSALVWTSAAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
Db 1 MWFFQGLSFLPSALVWTSAAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60

Qy 61 NIAAVLC 67
Db 61 NIAAVLC 67

RESULT 6
US-08-905-223-20
; Sequence 20, Application US/08905223
; Patent No. 6222029
; GENERAL INFORMATION:
; APPLICANT: Edwards, Jean-Baptiste D.
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; APPLICANT: Duclert, Aymeric
; APPLICANT: Lacroix, Bruno
; TITLE OF INVENTION: 5' ESTs FOR SECRETED PROTEINS
; NUMBER OF SEQUENCES: 503
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 501 West Broadway
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-3505
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Win95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/905,223
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Israelsen, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
; ORIGINAL SOURCE:
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: sig_peptide
; LOCATION: 1..21
; IDENTIFICATION METHOD: Von Heijne matrix
; OTHER INFORMATION: score 5.5
; OTHER INFORMATION: seq SFLPSALVWTS/AF
US-08-905-223-20

Query Match      8.5%; Score 118; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MWFFQGLSFLPSALVWTS/AF 21
Db 1 MWFFQGLSFLPSALVWTS/AF 21

RESULT 7
US-09-247-155-20
; Sequence 20, Application US/09247155A
; Patent No. 6312922
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Complementary DNAs
; FILE REFERENCE: GENSET.021A
; CURRENT APPLICATION NUMBER: US/09/247,155A
; CURRENT FILING DATE: 1999-02-09
; EARLIER APPLICATION NUMBER: 60/074,121
; EARLIER FILING DATE: 1998-02-09
; EARLIER APPLICATION NUMBER: 60/081,563
; EARLIER FILING DATE: 1998-04-13
; EARLIER APPLICATION NUMBER: 60/096,116
; EARLIER FILING DATE: 1998-08-10
; EARLIER APPLICATION NUMBER: 60/099,273
; EARLIER FILING DATE: 1998-10-04
; NUMBER OF SEQ ID NOS: 182
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; SOFTWARE: Patent.pm
; SEQ ID NO 20
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 1..21
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 5.5
; OTHER INFORMATION: seq SFLPSALVIWTSA/AF
US-09-247-155-20

Query Match
Best Local Similarity 8.5%; Score 118; DB 3; Length 21;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWVFOQGLSFLPSALVIWTSA 21
Db 1 MWVFOQGLSFLPSALVIWTSA 21

RESULT 8
US-09-663-600A-20
; Sequence 20, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 20
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 1..21
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 5.5
; OTHER INFORMATION: seq SFLPSALVIWTSA/AF
US-09-663-600A-20

Query Match
Best Local Similarity 8.5%; Score 118; DB 4; Length 21;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWVFOQGLSFLPSALVIWTSA 21
Db 1 MWVFOQGLSFLPSALVIWTSA 21

RESULT 9
US-09-621-976-2
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; Sequence 2, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 2
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -21..-1
US-09-621-976-2

Query Match
Best Local Similarity 8.5%; Score 118; DB 4; Length 21;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWVFOQGLSFLPSALVIWTSA 21
Db 1 MWVFOQGLSFLPSALVIWTSA 21

RESULT 10
US-09-513-999C-2
; Sequence 2, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 2
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 1..21
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 5.5
; OTHER INFORMATION: seq SFLPSALVIWTSA/AF
US-09-513-999C-2

Query Match
Best Local Similarity 8.5%; Score 118; DB 4; Length 21;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWVFOQGLSFLPSALVIWTSA 21
Db 1 MWVFOQGLSFLPSALVIWTSA 21

RESULT 11
US-09-107-532A-4147
; Sequence 4147, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
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; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932182.5
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932190.6
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932191.4
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932209.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932212.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932227.9
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932228.7
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932229.5
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932230.9
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932927.3
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19933005.0
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19933006.9
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19940764.9
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19940765.7
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19940766.5
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19940830.0
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19940831.9
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19940832.7
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19940833.5
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19941378.9
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: DE 19941379.7
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: DE 19941395.9
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: DE 19942077.7
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: DE 19942078.5
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: DE 19942079.3
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: DE 19942088.2
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 678
; SEQ ID NO 588
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-602-787A-588

Query Match
Best Local Similarity 23.8%; Score 90; DB 4; Length 283;
Matches 46; Conservative 33; Mismatches 64; Indels 50; Gaps 7;

QY 9 SFLPSALVIWTSAAFIIFY-----ITAVTLHHIDPALPYISDTGTVAPEKCLFGAMLN-- 61
Db 76 ALIMSAGVWVTSRKSSLSQDVSIGLQFTMLSLGVVIVSHSDSHAVDLTSFLFGDILGVR 135
QY 62 -----IAAVLCIATIVVRYKQVHALSPEENV--IIKLNKAGLVGLISCLGLSIVAN 111
Db 136 PSDIFIIAIVTLGGLTIFLFHROQTALAFDERKAHTLGLNPRFAHLLMLALIALATVVS 195
QY 112 FQKTTLFAAHVSGAVLTFGM-----GSLYMFVQTIILSYQMOPKIHGKQVFWIRLLLVWC 166

Db 196 FQ-----VVGTLVFGLLIGPPATAALLVQDKAS-----ISLMIV-- 231
QY 167 GVSALSMLTCSSV 179
Db 232 ----ASLLGCABI 240

RESULT 14
US-09-248-796A-20434
; Sequence 20434, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 20434
; LENGTH: 396
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-20434

Query Match
Best Local Similarity 20.5%; Score 90; DB 4; Length 396;
Matches 60; Conservative 35; Mismatches 90; Indels 108; Gaps 13;

QY 1 MWWFQOGLSFLPSALVIWTSAAFIIFYITAVTLH-----HIDP-----A 39
Db 65 LWWPWFLLSIGCVLTIISMII--YIPPIHHKLESYSEFFKRIDPLGLTGTGIIGLIL 122
QY 40 LPYISDTGTVAPEKCLFGAMLNIAAVLCIATIVV--RYKQVHALSPEE----- 85
Db 123 FNFVWTQGPVGVWNTAYIIALLIAVLLIVAFIIELIYAKYPLVPKSVENLKIGMVLAC 182
QY 86 -----NVIKLNK-----AG-----LVLGILSCLGLSIVANFQKTTLF 118
Db 183 ISCGWGSFGIWQYVYWNIIILNRKYTPIAGSLTYVPFLVMGIATAAIASSIIISHTKPSYI 242
QY 119 AAHVSGAVLTFGMGSLYMFVQTIILSYQMOPKIHGKQVFWIRLLL---VWICGVSALSMLT 175
Db 243 ---ISFSTICFMVGCMLSLSVTPI-----QQSYFRLTLGQMFILCWANDMSFPA 287
QY 176 CSSVL-----HSGNFGTDLEQKLHWNPEDKGYVLHMITTAAEWSMSFSFFG 221
Db 288 ASIILSDYLPNHHQMGAGS-----LVSTVINYSVSL-FLG 321

RESULT 15
US-09-248-796A-16383
; Sequence 16383, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 16383
; LENGTH: 344

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